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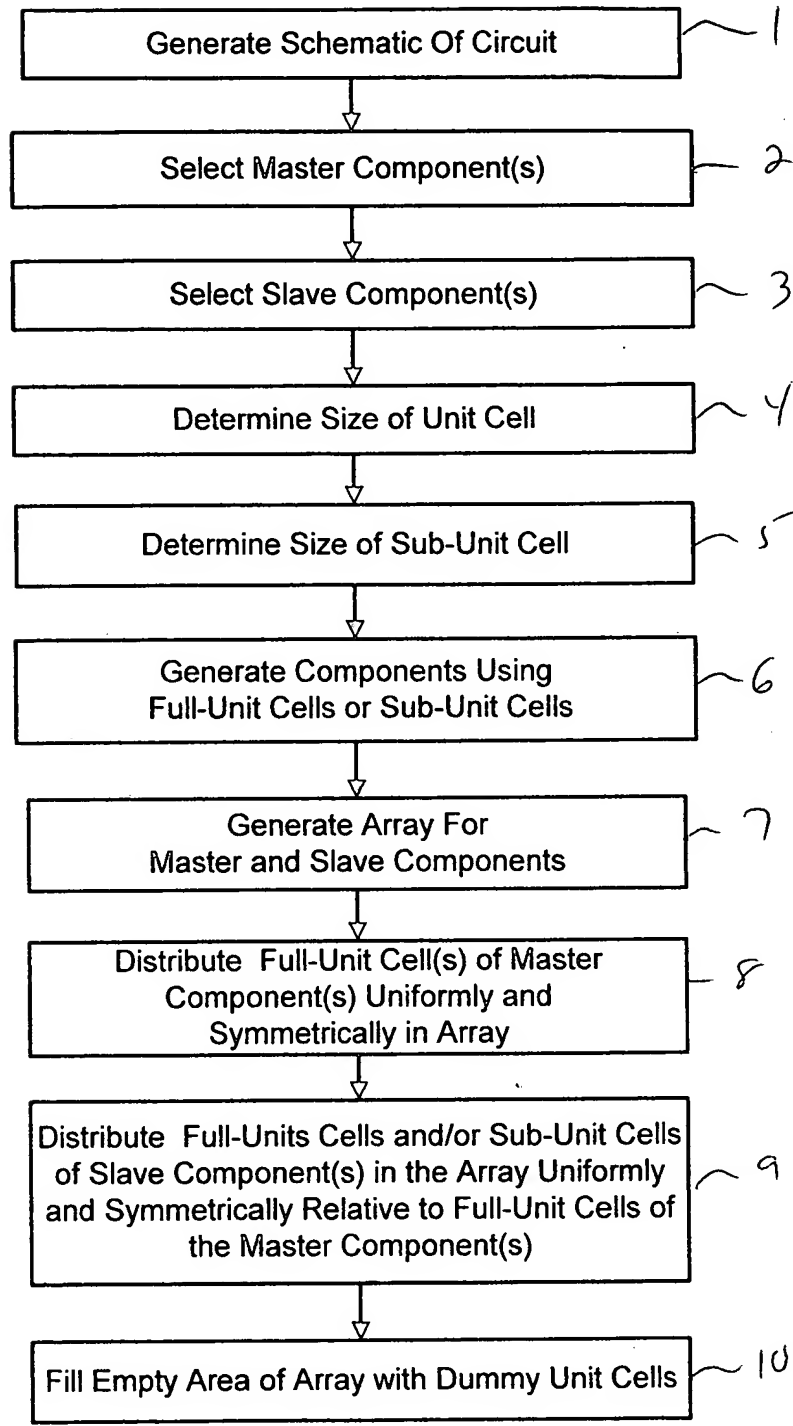


FIG. 1

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YOR 920030414 US1 (8728-650)

FIG. 2A

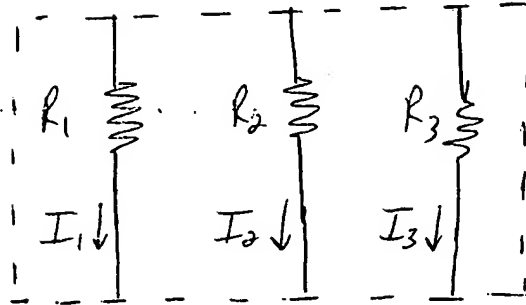


FIG. 2B

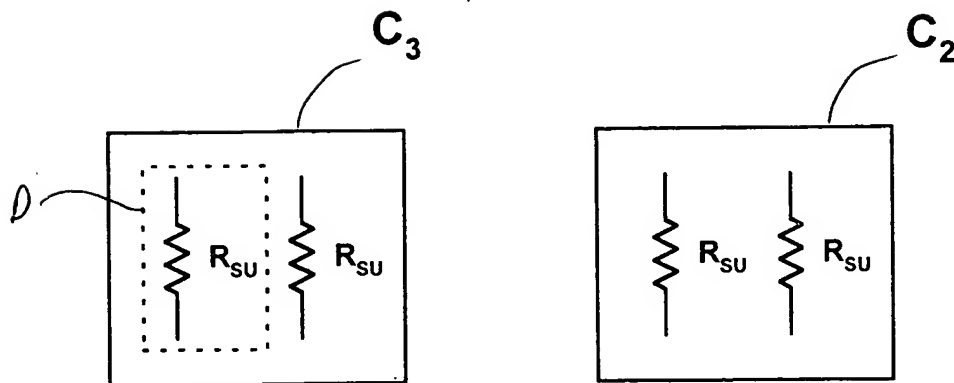
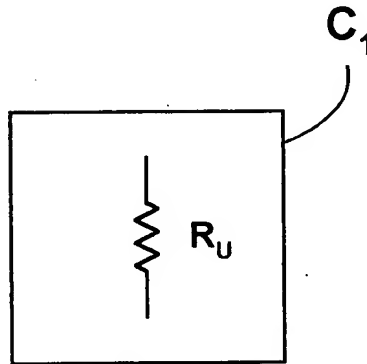


FIG. 2C

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100

Output ( $V_{BO}$ )

Reference ( $V_{BI}$ )

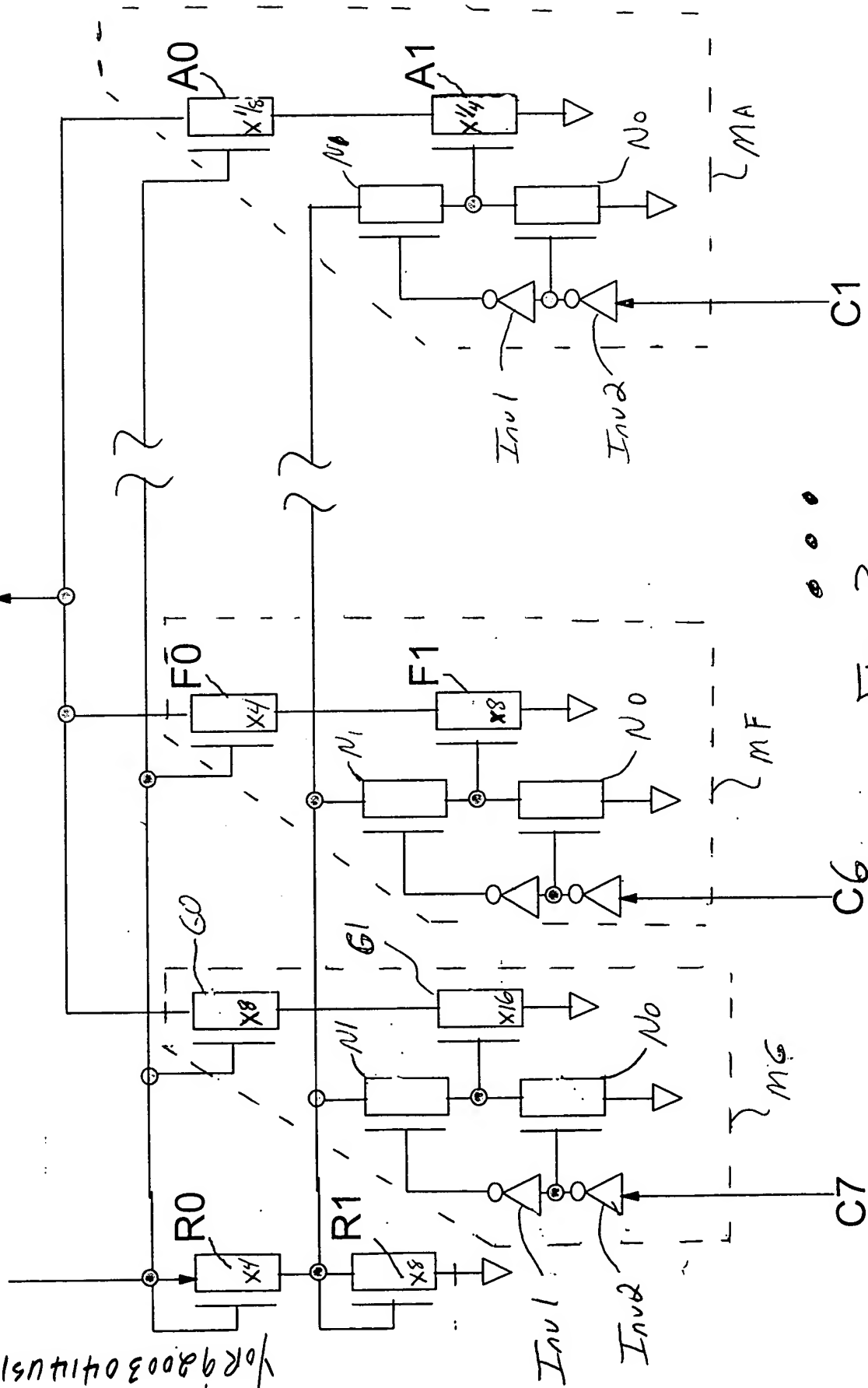
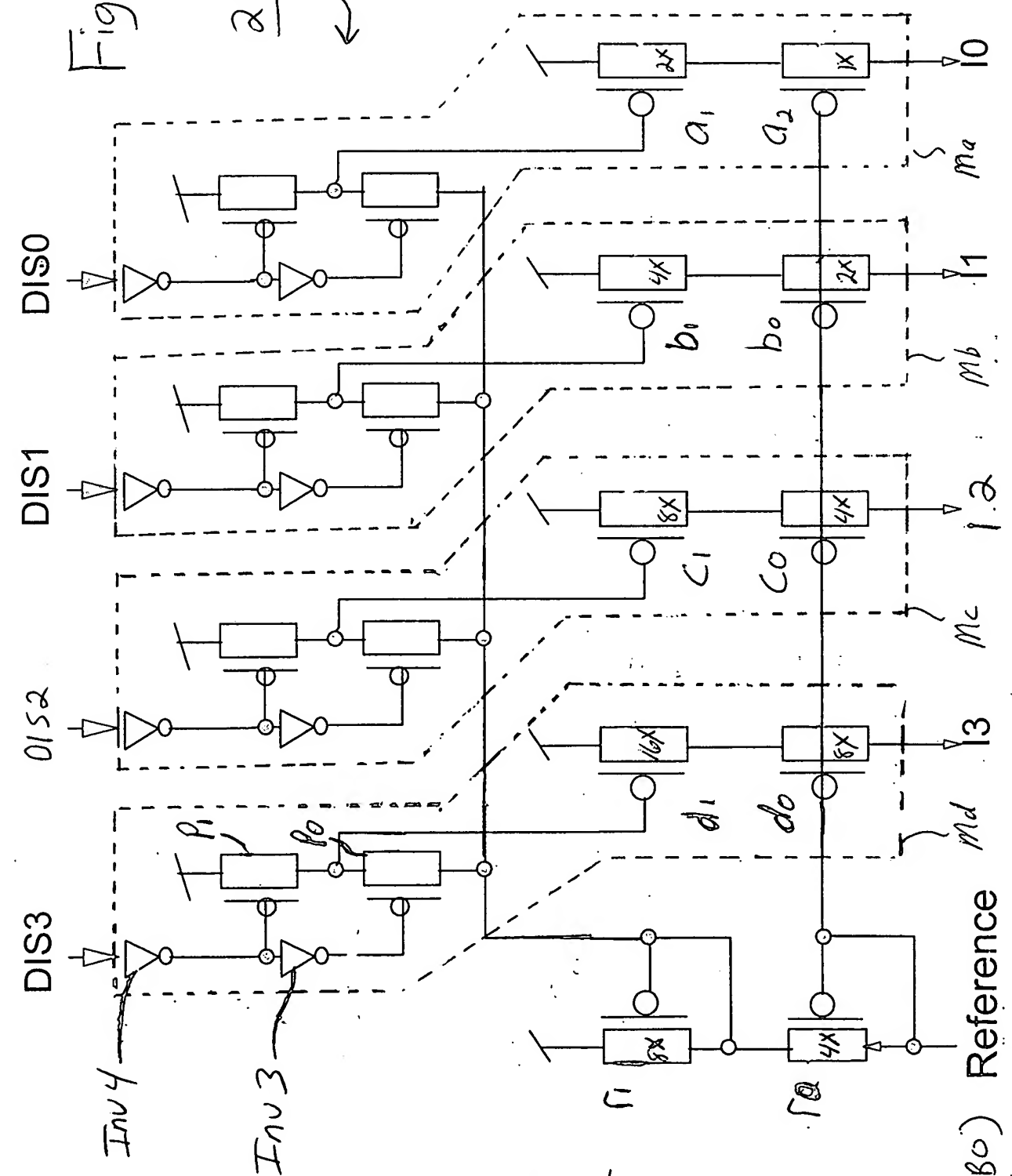


Fig. 3

Fig. 4

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(V<sub>BO</sub>) Reference

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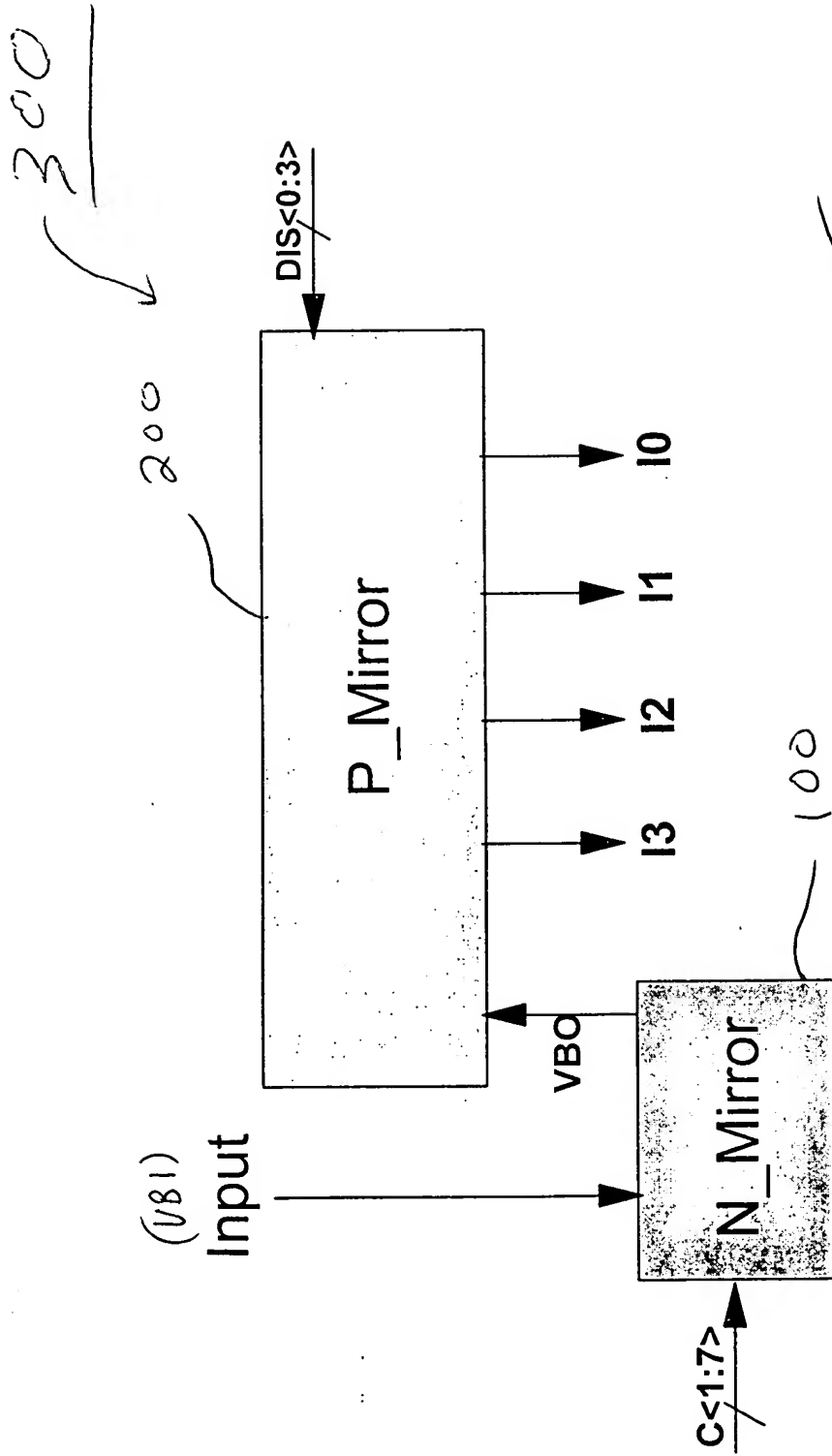
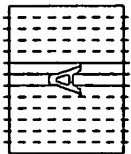
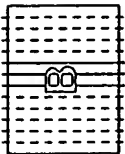


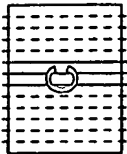
Fig. 5



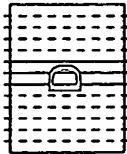
$$1 \times 1/4 = 1/4 \left( \frac{A}{R} = \frac{1}{32} \right)$$



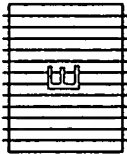
$$2 \times 1/4 = 1/2 \left( \frac{B}{R} = \frac{1}{16} \right)$$



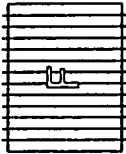
$$4 \times 1/4 = 1 \left( \frac{C}{R} = \frac{1}{8} \right)$$



$$8 \times 1/4 = 2 \left( \frac{D}{R} = \frac{1}{4} \right)$$



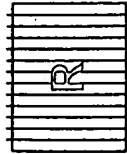
$$4 \times 1 = 4 \left( \frac{E}{R} = \frac{1}{2} \right)$$



$$8 \times 1 = 8 \left( \frac{F}{R} = 1 \right)$$



$$16 \times 1 = 16 \left( \frac{G}{R} = 2 \right)$$



$$8 \times 1 = 8$$

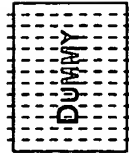


FIG. 6A

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An

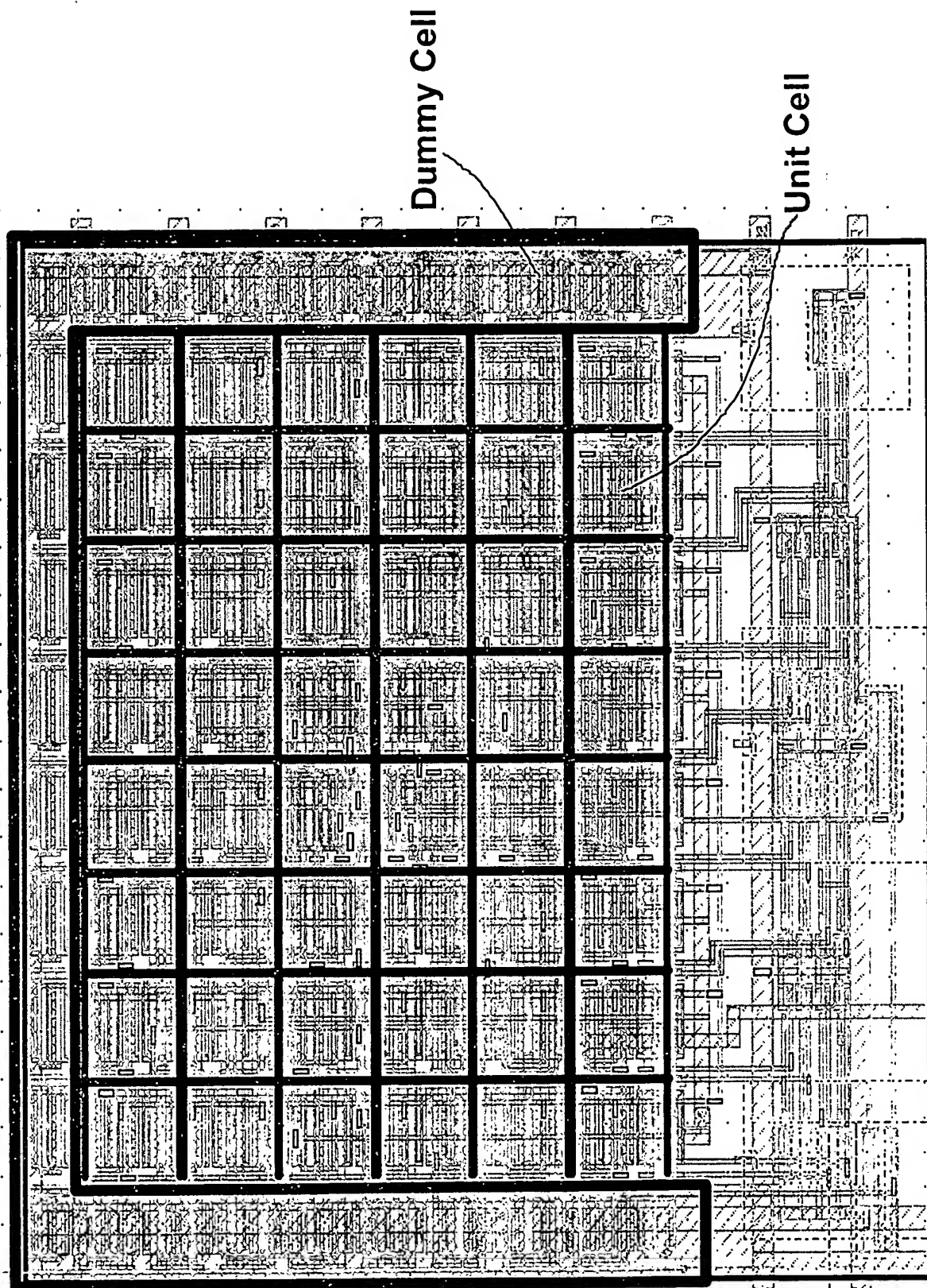
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|-------|-------|---|---|-------|---|-------|---|-------|-------|
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| DUMMY | G     | R | F | F     | R | G     | G | DUMMY | DUMMY |
| D     | R     | E | C | C     | E | R     | D | DUMMY | D     |
| G     | F     | C | A | B     | G | F     | G | G     | G     |
| G     | F     | C | B | DUMMY | G | C     | B | F     | G     |
| D     | R     | E | C | E     | R | G     | E | R     | D     |
| DUMMY | G     | R | F | F     | G | D     | D | DUMMY | DUMMY |
| DUMMY | D     | D | G | G     | D | D     | D | D     | D     |

FIG. 6B





Fig. 8



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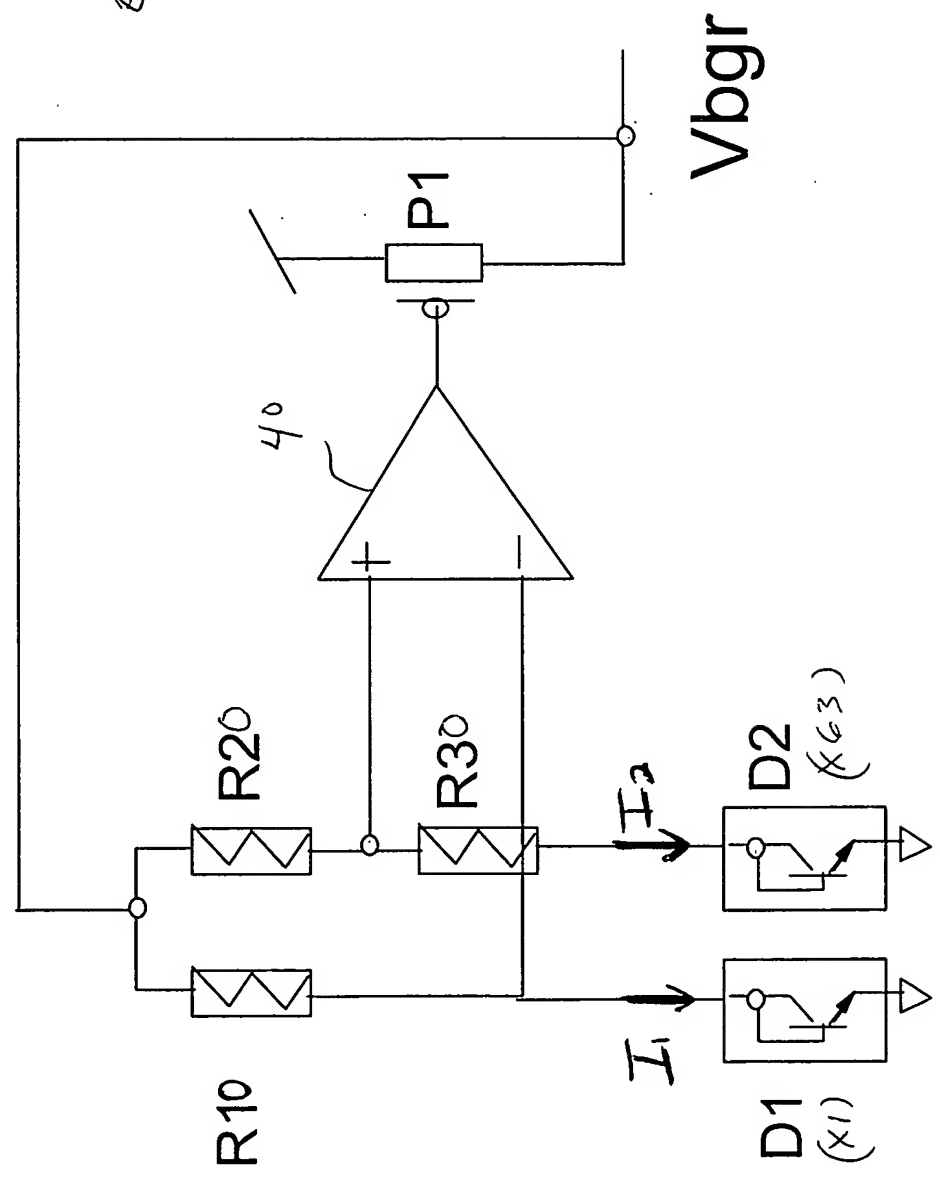


Fig. 9

Fig. 10

